



Application No. 10/659,427  
Docket No. 740756-2649

JPW

In re Patent Application of: )  
Hideaki KUWABARA et al. ) Examiner: Not yet assigned  
Serial No. 10/659,427 ) Group Art Unit: 2871  
Filed: September 11, 2003 )  
For: LIGHT-EMITTING APPARATUS AND )  
FABRICATION METHOD OF THE SAME ) Confirmation No. 4101

### INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. In accordance with the PTO notice dated July 11, 2003, waiving the requirement under 37 CFR 1.98 (a)(2)(i) for submitting copies of each cited U.S. Patent, for all U.S. national patent applications filed after June 30, 2003, no copies of U.S. Patents are enclosed. However, copies of foreign patents and non-patent literature are submitted under 37 CFR 1.98(a)(2).

The documents are being submitted before the first Office Action on the merits, therefore no fee or certification is required under 37 C.F.R. § 1.97(b).

Enclosed is a copy of the International Search Report dated February 10, 2004 in related PCT Application No. PCT/JP03/11608 which claims the same Japanese priority as the instant application. The references cited in the search report are provided on sheet 1 of the attached Form PTO-1449.

Applicants requests the Examiners attention to the following:

EP 1338431 is in the same family as U.S. Publication No. 2003/0230967. JP 2003-323983 is also in the same family, but this document is not provided herein since another English language version in the same family is provided.

WO 98/12689 is in the same family as U.S. Publication No. 2002/0075422 and EP 862156. JP 10-506813, CN 1205096, KR 99-67364 and TW 438992 are also in

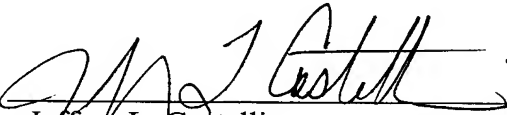
the same family, but these documents are not cited herein since other English language versions in the same family are provided.

Additionally, please note the references cited on sheet 2 of the attached PTO-Form 1449 were previously filed or cited by the Examiner in related application 10/073,284. Copies of the documents are enclosed.

It is requested that the accompanying PTO-1449 be considered and made of record in the above-identified application. To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

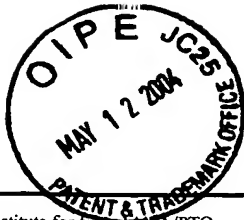
The Commissioner is hereby authorized to charge any fees connected with this filing which may be required now, or credit any overpayment to Deposit Account No. 19-2380. (740756-2649)

Respectfully submitted,

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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/659,427
				Filing Date	September 11, 2003
				First Named Inventor	Hideaki KUWABARA
				Art Unit	2871
Examiner Name	Not yet assigned				
Sheet	1	of	2	Attorney Docket Number	740756-2649

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>2</sup>	Cite No. <sup>1</sup>	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>3</sup> (if known)			
		US-2002/0075422 A1	06-20-2002	Kimura et al.	
		US-2003/0230967 A1	12-18-2003	Kawamura et al.	
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>2</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		EP 0 862 156 A1	09-02-1998	Kimura et al.		Full
		EP 1 338 431 A2	08-27-2003	Kawamura et al.		Full
		JP 2002-231445	08-16-2002	Aoki		Abstract
		JP 2003-332055	11-21-2003	Uchida		Abstract
		JP 2003-347048	12-05-2003	Kumagai et al.		Abstract
		WO 98/12689	03-26-1998	Kiguchi		Abstract

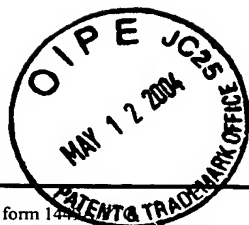
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>2</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		INTERNATIONAL SEARCH REPORT DATED FEBRUARY 10, 2004	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.



Substitute for form 1449 <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
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				Art Unit	2871
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Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-4,891,334	01-02-1990	Satoh et al.	
		US-5,447,824	09-05-1995	Mutsaers et al.	
		US-5,550,066	08-27-1996	Tang et al.	
		US-5,669,979	09-23-1997	Elliott et al.	
		US-5,853,904	12-29-1998	Hall et al.	
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		US-6,120,584	09-19-2000	Sakata et al.	
		US-6,150,668	11-21-2000	Bao et al.	
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		US-6,308,369	10-30-2001	Garcia et al.	
		US-2001/0041270	11-15-2001	Maruyama et al.	
		US-2002/0018153	02-14-2002	Kitabayashi	
		US-2002/0024493	02-28-2002	Ozawa et al.	
		US-2002/0066902	06-06-2002	Takatoku	
		US-2002/0071995	06-13-2002	Montgomery et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		EP-0 296 984 A2	12-08-1999	Bao		Full
		EP-0 993 235 A2	04-12-2000	Yudasaka		Full
		JP 09-245965	09-19-1997	Kawami et al.		Abstract
		JP 11-224781	08-17-1999	Nagayama et al.		Abstract
		JP 11-271753	10-08-1999	Yudasaka		Abstract
		WO-99-48338	09-23-1999	Yudasaka		Abstract

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		MIYASHITA S. ET AL., "FULL COLOR DISPLAYS FABRICATED BY INK-JET PRINTING", Asia /Display / IDW 2001, pp. 1399-1402	

Examiner Signature	Date Considered
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the